

WEST Search History

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DATE: Thursday, May 11, 2006

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L4	(cyclic with (protein or peptide or polypeptide)).clm. and L3	3
<input type="checkbox"/>	L3	(disaccharide or polysaccharide or (sodium adj chloride) or maltose or lactose or sucrose) and L2	12
<input type="checkbox"/>	L2	L1 and lyophili\$.clm.	15
<input type="checkbox"/>	L1	(514/9) [CCLS]	996

END OF SEARCH HISTORY

10/772,281

FILE 'HOME' ENTERED AT 11:17:31 ON 11 MAY 2006

=> b reg		SINCE FILE	
COST IN U.S. DOLLARS		ENTRY	TOTAL
FULL ESTIMATED COST		0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:18:20 ON 11 MAY 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 MAY 2006 HIGHEST RN 863788-13-4
DICTIONARY FILE UPDATES: 10 MAY 2006 HIGHEST RN 863788-13-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

- The CA roles and document type information have been removed from *
- the IDE default display format and the ED field has been added, *
- effective March 20, 2005. A new display format, IDEBL, is now *
- available and contains the CA role and document type information. *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UC/respdocs.html

=> Uploading C:\Program Files\Stnexp\Queries\10772281.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:19:30 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 144 TO ITERATE

100.0% PROCESSED 144 ITERATIONS 45 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2161 TO 3599

PROJECTED ANSWERS: 498 TO 1302

L2 45 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 11:19:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2957 TO ITERATE

100.0% PROCESSED 2957 ITERATIONS 1003 ANSWERS

SEARCH TIME: 00.00.01

L3 1003 SEA SSS FULL L1

=> Uploading C:\Program Files\Stnexp\Queries\10772281cwo.str

L4 STRUCTURE UPLOADED

=> s 14

SAMPLE SEARCH INITIATED 11:22:45 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1733 TO ITERATE

100.0% PROCESSED 1733 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 32163 TO 37157

PROJECTED ANSWERS: 1674 TO 2966

L5 50 SEA SSS SAM L4

=> s 14 full sub-l3

FULL SUBSET SEARCH INITIATED 11:23:08 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 881 TO ITERATE

100.0% PROCESSED 881 ITERATIONS 881 ANSWERS

SEARCH TIME: 00.00.01

L6 881 SEA SUB=L3 SSS FULL L4

=> Uploading C:\Program Files\Stnexp\Queries\10772281two.str

L7 STRUCTURE UPLOADED

=> s 17

SAMPLE SEARCH INITIATED 11:27:32 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 79 TO ITERATE

100.0% PROCESSED 79 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1047 TO 2113

PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s 17 full

FULL SEARCH INITIATED 11:27:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1550 TO ITERATE

100.0% PROCESSED 1550 ITERATIONS 9 ANSWERS

SEARCH TIME: 00.00.01

L9 9 SEA SSS FULL L7

=> d his

(FILE 'HOME' ENTERED AT 11:17:31 ON 11 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:18:20 ON 11 MAY 2006

L1 STRUCTURE UPLOADED
L2 45 S L1
L3 1003 S L1 FULL
L4 STRUCTURE UPLOADED
L5 50 S L4
L6 881 S L4 FULL SUB-L3
L7 STRUCTURE UPLOADED
L8 0 S L7
L9 9 S L7 FULL

=> b caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY SESSION
379.88 380.09

FILE 'CAPLUS' ENTERED AT 11:28:39 ON 11 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 11 May 2006 VOL 144 ISS 20
FILE LAST UPDATED: 10 May 2006 (20060510/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> s 19
L10 13 L9

=> d 110 1-13 ti ed

L10 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI New process for preparation of isoxazole derivative
ED Entered STN: 22 Feb 2004

L10 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of cyclic peptides having antimicrobial activity
ED Entered STN: 20 Sep 2002

L10 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Echinoscanin derivatives, pharmaceutical compositions containing same and use thereof as drugs
ED Entered STN: 08 Sep 2002

L10 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Streptomyces cyclic lipopeptide acylase genes, recombinant expression, and use for deacylation of cyclic lipopeptides
ED Entered STN: 12 Jan 2001

L10 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of cyclic hexapeptides having antibiotic activity
ED Entered STN: 03 Nov 2000

L10 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cyclic hexapeptides having antimicrobial activity
ED Entered STN: 18 Aug 1999

L10 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI FK463, a novel water-soluble echinocandin lipopeptide: synthesis and antifungal activity
ED Entered STN: 10 Aug 1999

L10 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cyclohexapeptides having antimicrobial activity
ED Entered STN: 25 Jun 1998

L10 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Cyclic hexapeptides having antibiotic activity
ED Entered STN: 06 Aug 1996

L10 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of cyclic peptide compounds as β -1,3-glucan synthase inhibitors and antimicrobial agents
ED Entered STN: 30 Aug 1995

L10 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of cyclic peptide derivatives as antibacterial agents
ED Entered STN: 02 Apr 1994

L10 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Pharmaceutical composition against Pneumocystis carinii
ED Entered STN: 29 May 1993

L10 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of cyclic peptide (echinocandin B) antibiotics
ED Entered STN: 08 Aug 1992

=> s 110 and lyoph?

L11 22130 LYOPH?
L11 1 L10 AND LYOPH?

=> d 111

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
DN 123:228903 CAPLUS

TI Preparation of cyclic peptide compounds as β -1,3-glucan synthase inhibitors and antimicrobial agents
IN Ohki, Hidemori; Tomishima, Masaki; Yamada, Akira; Takasugi, Hisashi
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO Can. Pat. Appl., 85 pp.
CODEN: CPXXEB

DT Patent
LA English

PAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2123921	AA	19941118	CA 1994-2123921	19940517
AU 9461994	A1	19941124	AU 1994-61994	19940510
AU 681119	B2	19970821		
IL 109615	A1	20001206	IL 1994-109615	19940510
EP 644199	A1	19950322	EP 1994-107406	19940512
EP 644199	B1	20000719		
AT 194846	E	20000815	AT 1994-107406	19940512
ES 2148254	T3	20001016	ES 1994-107406	19940512
PT 644199	T	20010131	PT 1994-107406	19940512
CN 1100104	A	19950315	CN 1994-105193	19940516

CN 1057306 B 2001011 ZA 1994-3356 19940516
ZA 9403356 A 19950328 HU 68385 A2 19950628 HU 1994-1515 19940516
US 5569646 A 19961029 RU 2164230 C2 20010320 RU 1994-16354 19940516
JP 06340693 A2 19941213 JP 1994-126977 19940517
US 5551469 B2 20040804 US 5693750 A 19971202 US 1996-675212 19960703
GR 3034366 T3 20001229 GR 2000-402052 20000908
PRAI GR 1993-10091 A 19930517
GR 1993-25269 A 19931210
US 1994-242854 A3 19940516
OS MARPAT 123:228903

=> s 111 and sodium chloride
1034606 SODIUM
34 SODIUMS
1034615 SODIUM
(SODIUM OR SODIUMS)
1074646 CHLORIDE
156910 CHLORIDES
1146501 CHLORIDE
(CHLORIDE OR CHLORIDES)
124486 SODIUM CHLORIDE
(SODIUM(W)CHLORIDE)
0 L11 AND SODIUM CHLORIDE

L12 0 L11 AND SODIUM CHLORIDE

=> s 111 and disaccharide
11400 DISACCHARIDE
9804 DISACCHARIDES
17555 DISACCHARIDE
(DISACCHARIDE OR DISACCHARIDES)
0 L11 AND DISACCHARIDE

L13 0 L11 AND DISACCHARIDE

=> s 111 and polysaccharide
57554 POLYSACCHARIDE
71881 POLYSACCHARIDES
90858 POLYSACCHARIDE
(POLYSACCHARIDE OR POLYSACCHARIDES)
0 L11 AND POLYSACCHARIDE

L14 0 L11 AND POLYSACCHARIDE

=> s 111 and maltose
27025 MALTOSE
40 MALTOSES
27031 MALTOSE
(MALTOSE OR MALTOSES)
0 L11 AND MALTOSE

L15 0 L11 AND MALTOSE

=> s 111 and sucrose
142073 SUCROSE
93 SUCROSES
142084 SUCROSE
(SUCROSE OR SUCROSES)
0 L11 AND SUCROSE

L16 0 L11 AND SUCROSE

=> s 111 and lactose
50104 LACTOSE
93 LACTOSES
50112 LACTOSE
(LACTOSE OR LACTOSES)
0 L11 AND LACTOSE

L17 0 L11 AND LACTOSE

=> d his

(FILE 'HOME' ENTERED AT 11:17:31 ON 11 MAY 2006)
FILE 'REGISTRY' ENTERED AT 11:18:20 ON 11 MAY 2006
STRUCTURE UPLOADED

L1

L2 45 S L1
L3 1003 S L1 FULL
L4 STRUCTURE UPLOADED
L5 50 S L4
L6 881 S L4 FULL SUB=L3
L7 STRUCTURE UPLOADED
L8 0 S L7
L9 9 S L7 FULL

FILE 'CAPLUS' ENTERED AT 11:28:39 ON 11 MAY 2006

L10 13 S L9
L11 1 S L10 AND LYOPH?
L12 0 S L11 AND SODIUM CHLORIDE
L13 0 S L11 AND DISACCHARIDE
L14 0 S L11 AND POLYSACCHARIDE
L15 0 S L11 AND MALTOSE
L16 0 S L11 AND SUCROSE
L17 0 S L11 AND LACTOSE

=> s 16
L18 182 L6

=> s 118 and (disaccharide or polysaccharide or sodium chloride or maltose or sucrose or lactose)
11400 DISACCHARIDE
9804 DISACCHARIDES
17555 DISACCHARIDE
(DISACCHARIDE OR DISACCHARIDES)
57554 POLYSACCHARIDE
71881 POLYSACCHARIDES
90858 POLYSACCHARIDE
(POLYSACCHARIDE OR POLYSACCHARIDES)
1034606 SODIUM
34 SODIUMS
1034615 SODIUM
(SODIUM OR SODIUMS)
1074646 CHLORIDE
156910 CHLORIDES
1146501 CHLORIDE
(CHLORIDE OR CHLORIDES)
124486 SODIUM CHLORIDE
(SODIUM(W)CHLORIDE)
27025 MALTOSE
40 MALTOSES
27031 MALTOSE
(MALTOSE OR MALTOSES)
142073 SUCROSE
93 SUCROSES
142084 SUCROSE
(SUCROSE OR SUCROSES)
50104 LACTOSE
93 LACTOSES
50112 LACTOSE
(LACTOSE OR LACTOSES)
4 L18 AND (DISACCHARIDE OR POLYSACCHARIDE OR SODIUM CHLORIDE OR MALTOSE OR SUCROSE OR LACTOSE)

L19 4 L18 AND (DISACCHARIDE OR POLYSACCHARIDE OR SODIUM CHLORIDE OR MALTOSE OR SUCROSE OR LACTOSE)

=> d 119 1-4 bib abs

L19 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:612064 CAPLUS
DN 143:139157
TI Preparation of rigid liposomal cochleate
IN Krause-Rismore, Sara L.; Mannino, Raphael J.
PA Biodelivery Sciences International, Inc., USA
SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2005062213 A1 20050714 WO 2004-US42927 20041220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RM: BM, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, HN, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

PRAI US 2003-531546P P 20031219

US 2004-565120P P 20040423

AB Employing liposomes having a high transition temperature at least partially disposed in a matrix compns. are provided that can be used to deliver one or more cargo moieties, e.g., a drug, a nutrient, an imaging agent and/or nonsteroidal anti-inflammatory drug. The matrix can be a lipid precipitate and/or a cationic bridge. Methods of making and using these compns. and/or preferably cochleates, are also disclosed. Rigid liposomes were obtained from distearylphosphatidylserine and dextran.

RE.CMT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004.902155 CAPLUS

IN Delmarre, David; Lu, Ruying

TI Biomimetic, Raphael J.; Gould-Fogertie, Susan; Krause-Eismore, Sara L.; PA Biodelivery Sciences International, Inc., USA; University of Medicine and Dentistry of New Jersey

SO PCT Int. Appl., 195 pp.

DT Patent

LA English

FI PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2004091578 A2 20041028 WO 2004-US11026 20040409

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RM: BM, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, HN, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

PRAI US 2003-461483P A1 20050120 US 2004-822230 20040409

US 2003-463076P A2 20060215 EP 2004-759375 20040409

US 2003-459247P P 20030415

US 2003-502557P P 20030828

US 2003-532755P P 20030911

US 2003-532755P P 20031224

US 2004-531252P P 20040115

US 2004-556192P P 20040324

WO 2004-US11026 W 20040409

AB The invention generally relates to cochleate drug delivery vehicles. Disclose are novel methods for making cochleates and cochleate compns.

that include introducing a cargo moiety to a liposome in the presence of a solvent. Also disclosed are cochleates and cochleate compns. that include an aggregation inhibitor, and optionally, a cargo moiety. Admnl., amytours cochleates that include a protonized cargo moiety, a divalent metal cation and a neg. charge lipid are disclosed. Methods of using the cochleate compns. of the invention, including methods of administration, are also disclosed.

L19 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003.757023 CAPLUS

IN Biscardi, Mitchell I.; Levinson, R. Saul; Riley, Thomas C.; Hermelin, Marc S.

PA KV Pharmaceutical Company, USA

SO U.S. Pat. Appl., 13 pp.

DT Patent

LA English

FI PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2003180366 A1 20030925 US 2002-101014 20020320

US 6899890 B2 20050531

CA 2392473 AA 20030920

AU 2002300175 A1 20031009

BR 2002002767 A 20040525

CN 1444926 A 20031001

JP 2002286193 A2 20031007

PT 102854 A 20030930

PT 102854 B 20040227

FR 2837389 A2 20030926

WO 2003079981 A2 20031002

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RM: GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, HN, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, ST, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

PRAI AU 2003218233 A1 20031008 AU 2003-218233 20030319

US 2002-101014 A 20030320

WO 2003-US8266 W 20030319

AB The present invention relates to a novel essentially pH neutral vaginal drug delivery system suitable for modified delivery of a therapeutically active material in the vaginal cavity. The vaginal drug delivery system comprises an essentially pH neutral emulsion having globules having two phases, an internal water soluble phase and an external water-insol. phase or film, wherein the water-soluble interior phase contains a therapeutically active drug or drugs. One novel aspect of the vaginal drug delivery system is that the internal water soluble phase comprises an acidic buffered phase. For example, a vaginal drug delivery system was prepared containing metronidazole 0.75% water 24.676% sodium chloride 0.75%, methylparaben 0.09%, propylparaben 0.035%, butylparaben 0.024%, sucrose 8.0%, mineral oil 13.0%, and polyethylene glycol (30) dipolyhydroxyoctanoate 5.0%.

RE.CMT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001.31345 CAPLUS

DN 134.105851

TI Stabilized cyclic polypeptide pharmaceutical composition in lyophilized form

IN Sawai, Seiji; Kasai, Akihito; Otsu, Kazumi

RA Fujisawa Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 29 pp.
CODEN: PIXX02
DT Patent
LA English
FAN CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI NO 2001002002	A1	20010111	NO 2000-JP4381	20000629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BK, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FR, GB, GD, GE, GH, GR, GU, HK, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, SL, TJ, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM				
RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2341568	AA	20010111	CA 2000-2341568	20000629
AU 200005722	A5	20010122	AU 2000-57122	20000629
AU 752265	B2	20020912	BR 2000-6823	20000629
BR 2000006823	A	20010605	EP 2000-940916	20000629
EP 1107777	A1	20010620	EP 2000-940916	20000629
EP 1107777	B1	20041027		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200100609	T1	20010723	TR 2001-200100609	20000629
JP 2002363097	A2	20021218	JP 2001-312701	20000629
JP 2003501462	T2	20030128	JP 2001-507492	20000629
JP 3381722	B2	20030304	NZ 2000-510290	20000629
NZ 510290	A	20030725	PT 2000-940916	20000629
AT 280583	E	20041115	PT 2000-940916	20000629
PT 1107777	T	20050131	ES 2000-940916	20000629
ES 2225161	T3	20050316	RU 2001-108569	20000629
RU 2251411	C2	20050510	CN 2004-10088076	20000629
CN 1636591	A	20050713	CZ 2001-1186	20000629
CZ 295720	B6	20051012	NO 2001-893	20010222
NO 2001000893	A	20010424	ZA 2001-1589	20010226
ZA 2001001589	A	20020902	US 2001-786125	20010301
US 6774104	B1	20040810	US 2002-101689	20020305
HK 1040057	A1	20050805	US 2004-772281	20040206
JP 2004157769	A1	20040812		
JP 1999-187713	A	19990701		
JP 2001-507492	A3	20000629		
NO 2000-JP4381	W	20000629		
US 2001-786125	A3	20010301		
MARKET 134:105851				

OS A stabilized pharmaceutical composition in lyophilized form comprises a cyclic polypeptide and one or more stabilizer(s) selected from the group consisting of a polysaccharide, a disaccharide and sodium chloride. A composition was prepared containing a cyclic polypeptide and lactose.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

-> d his

(FILE 'HOME' ENTERED AT 11:17:31 ON 11 MAY 2006)

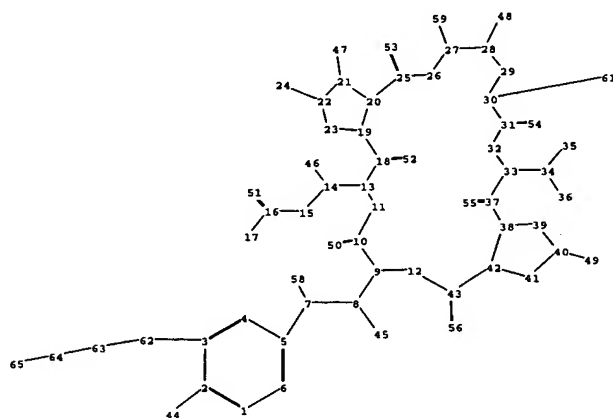
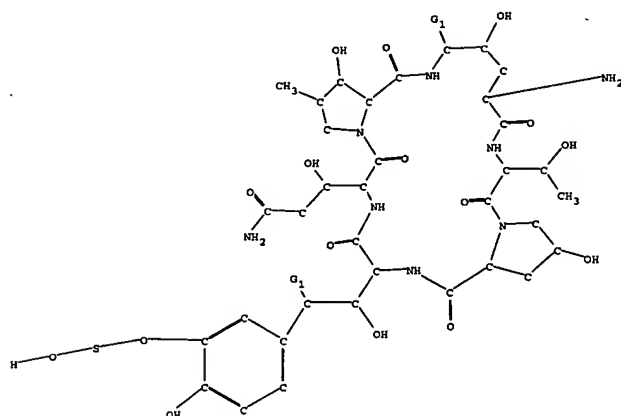
FILE 'REGISTRY' ENTERED AT 11:18:20 ON 11 MAY 2006

L1 STRUCTURE UPLOADED
L2 45 S L1
L3 1003 S L1 FULL
L4 STRUCTURE UPLOADED
L5 50 S L4
L6 881 S L4 FULL, SUB-L3
L7 STRUCTURE UPLOADED
L8 0 S L7

L9 9 S L7 FULL

FILE 'CAPLUS' ENTERED AT 11:28:39 ON 11 MAY 2006

L10 13 S L9
L11 1 S L10 AND LYOPH?
L12 0 S L11 AND SODIUM CHLORIDE
L13 0 S L11 AND DISACCHARIDE
L14 0 S L11 AND POLYSACCHARIDE
L15 0 S L11 AND MALTOSE
L16 0 S L11 AND SUCROSE
L17 0 S L11 AND LACTOSE
L18 182 S L6
L19 4 S L18 AND (DISACCHARIDE OR POLYSACCHARIDE OR SODIUM CHLORIDE OR



chain nodes :

7 8 14 15 16 17 24 34 35 36 44 45 46 47 48 49 50 51 52 53 54 55 56
58 59 61 62 63 64 65

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 18 19 20 21 22 23 25 26 27 28 29 30 31 32
33 37 38 39 40 41 42 43

chain bonds :

2-44 3-62 5-7 7-8 7-58 8-9 8-45 10-50 13-14 14-15 14-46 15-16 16-17 16-51
18-52 21-47 22-24 25-53 27-59 28-48 30-61 31-54 33-34 34-35 34-36 37-55 40-49
43-56 62-63 63-64 64-65

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-12 10-11 11-13 12-43 13-18 18-19 19-20 19-23
20-21 20-25 21-22 22-23 25-26 26-27 27-28 28-29 29-30 30-31 31-32 32-33 33-37
37-38 38-39 38-42 39-40 40-41 41-42 42-43

exact/norm bonds :

2-44 3-62 7-58 8-45 9-10 9-12 10-11 10-50 11-13 12-43 13-18 14-46 16-17 16-51
18-19 18-52 19-20 19-23 20-21 20-25 21-22 21-47 22-23 25-26 25-53 26-27 27-28
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38-39 38-42 39-40 40-41 40-49 41-42 42-43 43-56 62-63 63-64

exact bonds :

5-7 7-8 8-9 13-14 14-15 15-16 22-24 33-34 34-36 64-65

normalized bonds :

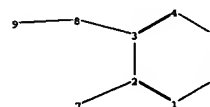
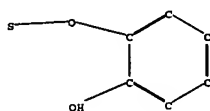
1-2 1-6 2-3 3-4 4-5 5-6

G1:OH,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:CLASS 35:CLASS 36:CLASS 37:Atom 38:Atom 39:Atom 40:Atom
41:Atom

42:Atom 43:Atom 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS
50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 58:CLASS 59:CLASS
61:CLASS 62:CLASS 63:CLASS 64:CLASS 65:CLASS



chain nodes :

7 8 9

ring nodes :

1 2 3 4 5 6

chain bonds :

2-7 3-8 8-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

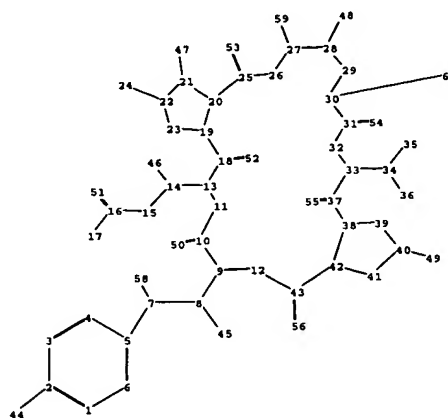
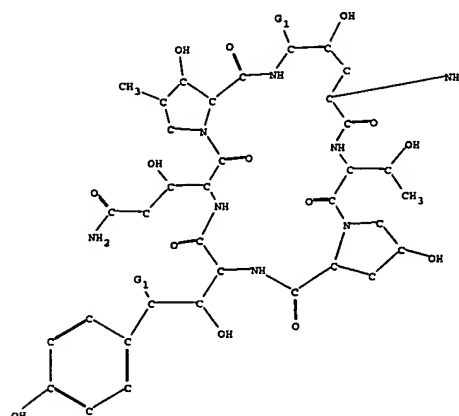
2-7 3-8 8-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS



chain nodes :

7 8 14 15 16 17 24 34 35 36 44 45 46 47 48 49 50 51 52 53 54 55 56
58 59 61

ring nodes :

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exact bonds :

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normalized bonds :

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G1:OH,H

Match level :

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21:Atom 22:Atom 23:Atom 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:CLASS 35:CLASS 36:CLASS 37:Atom 38:Atom 39:Atom 40:Atom
41:Atom 42:Atom 43:Atom 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS
50:CLASS

51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 58:CLASS 59:CLASS
61:CLASS